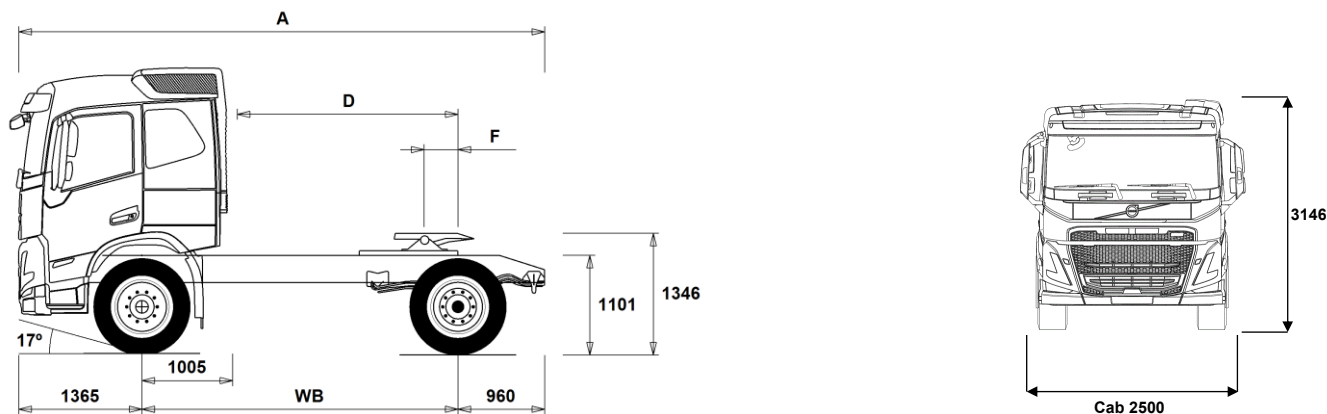


MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L



Chassis Dimensions [mm]

WB Wheelbase	3500	3600	3700	3800
A Overall Chassis Length	5825	5925	6025	6125
D Center of rear axle to back of cab	2445	2545	2645	2745
F Fifth Wheel Position (EC Directive 96/53)	375	375	375	375

Chassis Weights [kg]

Front Axle	4655	4655	4660	4665
Rear Axle	2110	2110	2115	2120
Kerb Weight	6765	6765	6775	6785

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12700	13100	13400	13700
Turning Circle Diameter Wall to Wall	14100	14400	14800	15100

Plated Weights [kg]

	Design
Gross Vehicle Weight	21000
Gross Combination Weight	50000
Front Axle	8000
Rear Axle	13000

Important Notes

Chassis Dimensions

Cab Height: -16 mm for CAB-DAY, +312 mm for CAB-HSLP, -278 mm for CAB-LDAY, -278 mm for CAB-LSLP.

Front Axle to Back of Cab: -422 mm for CAB-DAY and CAB-LDAY.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5

Drive Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM42T3L.

MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L

Transport operation

- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-XHIG** Chassis height extra high - approx. 1030 mm above ground level
- **FM-DAY6** FM day cab
- **FM-SLP6** FM sleeper cab
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D13S420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13S460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13S500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13A380** Diesel engine, Euro 4, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13A400** Diesel engine, Euro 3, 12.8 litres, 400 hp/294 kW, 2000 Nm
- **D13A420** Diesel engine, Euro 4, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13A440** Diesel engine, Euro 3, 12.8 litres, 440 hp/324 kW, 2200 Nm
- **D13A460** Diesel engine, Euro 4, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13A480** Diesel engine, Euro 3, 12.8 litres, 480 hp/353 kW, 2400 Nm
- **D13A500** Diesel engine, Euro 4, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13C500** Diesel engine, Euro 5, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13K420** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW
- **EBR-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C

Packages

- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **RAL13** Rear axle load 13 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness

- **PSP-FIX** Power steering pump with fixed displacement
- **PSP-VAR** Power steering pump with variable displacement
- **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-MUL** Rear multi-leaf springs
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **BBOX-L** Battery box on left-hand side
- **BATS-S** Single battery system (2 batteries)
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **MSWI-A** ADR main switch
- **MSWI-C** Main switch on chassis
- **R405S71** Right 405-litre, D-shaped steel fuel tank, 710 mm high
Min volume 285l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
Min volume 405l
Max volume 405l
- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **ADB048** AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side
- **ADB050** AdBlue tank: usable volume 50 litres, mounted behind cab
- **ADB064** AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side
- **ADB068** AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side
- **ADB083** AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side
- **ADB090** AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side
- **ADB112** AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side
- **FCAP-L** Lockable diesel and AdBlue filler caps
- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage device
- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESH-RIGH** Horizontal silencer, right exhaust outlet
- **ESH-VERT** Horizontal silencer, vertical exhaust outlet on right-hand side
- **ESV-VERT** Vertical silencer, vertical exhaust outlet on right-hand side
- **EXST-SSP** Vertical exhaust top pipe, bright polished stainless steel
- **WHC-FIX1** One non-collapsible wheel chock
- **WHC-FIX2** Two non-collapsible wheel chocks
- **WHC-FOL1** One collapsible wheel chock
- **WHC-FOL2** Two collapsible wheel chocks
- **WHCP-F** Wheel chock holder in the front part of the vehicle
- **WHCP-M** Wheel chock holder in the middle part of the vehicle
- **WHCP-T** Wheel chock holder by-packed in cab outer luggage compartment

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L

□ SUP-BAS Standard side underrun protection, aluminium □ SUP-LOW Low side underrun protection, aluminium □ CHAIN-S Snow chains ■ TOWF-NO1 One front towing device □ TOWF-NO2 Two front towing devices □ TOWR-ONE Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h. □ TREL15 15-pin trailer connection (ADR certified) ■ TREL7 7-pin trailer connection (ISO 24N) □ TREL7-7 2x7-pin trailer connection (ISO 24N+24S, non-ADR) ■ TBC-EC Trailer brake connection, European Community □ TRBR-HCR Reduced-pressure, hand-controlled trailer brake check (4 bar) ■ TRBR-STA Stationary trailer brake check □ TRB-STRE Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability ■ RFEND-B Rear 3-piece mudguards (anti-spray) on all rear axles ■ RFH-BAS Basic mudguard installation height on 2nd front axle and rear axles □ RFH-HIG High mudguard installation height on 2nd front axle and rear axles □ RFH-LOW Low mudguard installation height on 2nd front axle and rear axles □ ATANK-AL Aluminium air tanks ■ ATANK-ST Steel air tanks □ TL-LED LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector) ■ BLIGHT-E Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s² or more. The function deactivates when retardation is less than 2.5 m/s².	■ TOOLKIT This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer. □ INFLAHOS Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately). □ GAUGE-TP Tyre pressure gauge
Powertrain equipment	
□ TRAP-HD Reinforced gearbox range housing ■ DRM-BE I-Shift drive modes Economy, Standard and Performance □ DRM-E I-Shift drive mode Economy ■ CRUIS-E I-Cruise cruise control, I-Roll included □ CRUIS-E5 I-Torque cruise control, optimized for fuel economy, I-Roll included □ AMSO-AUT I-Shift manual gear shifting available in automatic mode, including kick-down function □ AVO-ENH I-Shift with enhanced software for construction and off-road applications □ APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) □ RET-TH Gearbox-mounted, hydrodynamic oil retarder ■ TC-MAOH2 Extra high performance cooler for manual/I-shift gearboxes - air/oil □ TC-MWOH2 High performance cooler for manual/I-Shift gearboxes - water/oil □ 2COM1080 Dual-cylinder air compressor 704 cc, 1080 l/min □ 2COM1100 Dual-cylinder air compressor 760 cc, 1100 l/min ■ 2COMP870 Dual-cylinder, two-stage air compressor 560 cc, 870 l/min □ 2COMP900 Dual-cylinder air compressor 636 cc, 900 l/min ■ AIRIN-HI High air inlet □ AIRIN-LO Low air inlet □ ACL1ST-S Air cleaner with extra filter element ■ 24A110BL Alternator 110 Ampere □ 24A150BL Alternator 150 Ampere □ 24A180BL Alternator 180 Ampere □ 24AL110B Alternator 110 Ampere □ 24AL150B Alternator 150 Ampere □ CCV-C Closed crankcase ventilation □ CCV-O Open crankcase ventilation □ PRIM-EL Electrical priming pump for removal of air in the fuel system ■ PRIM-MAN Manual priming pump for removal of air in the fuel system □ FUEQ-EH Fuel line electric heater □ AF-E Electrically heated fuel filter ■ FUEFE2LW Large engine-mounted dual fuel filter with water separator and drain □ EST-AID Engine intake air heater □ 220EBH15 Engine block heater, 220 V, 1.5 kW □ PTER-100 Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646 □ PTER-DIN Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653 □ PTER1400 Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647	

- Standard Equipment
 □ Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L

☐ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow	☒ CU-MCC	Manual climate control (heater/cooler function)
☐ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ IGT-BUT	Push-button ignition
☐ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow	☒ ISUNS-BB	Side interior roller blind on both sides, manually manoeuvred
☐ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow	☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred
☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow	☐ ISUNF-B	Interior roller blind, integrated in front shelf, electrically manoeuvred
☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow	☐ ISUNF-MD	
☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow	☐ ISUNF-RE	
☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm	☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred
☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ BUPALARM	Reversing warning
☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm	☐ REMC-MF	Wireless remote control, multi-functional
☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm	☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm	☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm	☒ WARNTRI2	Two warning triangles
☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ AIDKIT1C	First aid kit fulfilling Indian requirements
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	☐ LAMP-IN	Inspection lamp with 10 m cable
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☐ BULBKIT	Bulb and fuse kit
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	☐ WRITEPAD	Writing pad with paper clamp
Cab Interior, Driving			
☒ STWPOS-R	Right-hand drive	Cab Interior, Living	
☐ STWM-LE	Steering wheel material leather	☒ DST-CF1	Driver's seat Comfort
☐ STGW-AD2	Manually adjustable steering wheel with neck tilt	☐ DST-CF4	Driver's seat Comfort, belt in seat
☒ STGW-ADJ	Manually adjustable steering wheel	☒ SBD-RED	Red safety belts, passenger and driver seats
☒ AIRBAG	Airbag on driver's side	☒ PST-BAS1	Passenger seat Basic, non-suspended
☒ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	☐ PST-STD2	Passenger seat Regular, non-suspended
☐ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	☒ FMAT-RUB	Black rubber floor mats
☐ 1DAYB	One-day analogue tachograph, basic	☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
☐ ARSL	Additional road speed limiter control (switch in dashboard)	☒ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
☒ ACCLF-D	Volvo torque assist - Disabled	☒ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☐ ACCLF-E	Volvo torque assist - Enabled	☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☐ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ PH-CAB2	Cab parking heater, 2 kW
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping	☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall
☐ DAS-W	Driver Alert Support	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
		☐ REF-ICPK	Preparation kit for refrigerator
		☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
		☐ BOTH-D	One bottle holder under dashboard centre section
		☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming

☒ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L

☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	☐ CL-STAT	Static cornering lights
☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☐ IDLAMP-A ☐ IDLAMP-W	Three amber identification lamps on mid front roof Three white identification lamps on mid front roof
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ BEACOA2F ☐ BEACON-P	Two amber LED beacons on cab front roof Preparation kit for roof beacons
☒ RH-EE ☐ RH-ER	Roof skylight/emergency exit, tinted glass (not a hatch) Roof hatch, electrically operated, steel, with emergency exit handle	☐ CABPT-R1 ☒ CABPT-R2	One front cab roof pass-through on passenger side Two front cab roof pass-throughs, one on each side
☐ RH-ETR ☐ RH-MTR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm Roof hatch, manually operated, tinted glass, rear opening 50 mm	☐ SPOTP-F ☐ SPOTP-R ☐ SPOTP-RF	Preparation kit for spot lamp in cab front, max 280 W Preparation kit for spot lamp in cab roof, max 280 W Preparation kit for spot lamp in cab roof and front, max 280 W
☒ GLAS-TIN ☐ GLAS-UNT	Tinted windows Untinted windows	☐ HORN-F1S ☐ HORN-R2S	Single-tone Jericho horn behind grille, operated by steering wheel buttons Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☐ AWIND-RF ☐ VANMIR	Fixed window in back of cab (without curtains) Vanity mirror in front shelf lid	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☐ AS-FUS ☐ INFOT-PK	One extra shelf in each of the two front upper storage compartments Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ ACCBP-AP ☐ ACCBP-F ☐ ACCBP-FM ☐ ACCBP-FR ☐ ACCBP-M ☐ ACCBP-RM	Accessory brackets mounted on front roof, midroof and rear roof Accessory bracket mounted on front roof Accessory brackets mounted on front roof and midroof Accessory brackets mounted on front and rear roof Accessory bracket mounted on midroof Accessory bracket mounted on rear roof

Cab exterior

☒ EXTL-BAS	Exterior trim level basic
☒ DGLAS-H	Tempered door window glass
☒ BUMP-B2 ☐ BUMP-SP	Steel front bumper Front bumper spoiler
☒ GUARD-EH ☒ BUGNET	Guard plate for cooling pipes and oil sump Insect screen (PVC-coated fibreglass) in front of radiator
☐ CTILT-P-E ☒ CTILT-P-M	Electric cab tilt pump Manual cab tilt pump
☐ FCABS-A ☒ FCABS-M	Air front cab suspension Mechanical front cab suspension
☐ RCABS-A ☒ RCABS-M	Air rear cab suspension Mechanical rear cab suspension
☐ MIRCFPCS ☐ MIRCMCP ☐ MIRCMS ☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH) Camera Monitor System and passenger corner camera Camera Monitor System Rear-view and wide-angle mirrors (both sides), kerb observation mirror
☒ AMIR-F20 ☐ SUNV-H ☐ AD-ROOF ☐ AD-SIDEL	Front close-view mirror above windscreen, passenger side (radius 200 mm) Exterior front sun visor, transparent dark-grey Roof air deflector Cab side air deflectors, long
☒ HL-BASIC ☐ HL-LED ☐ HL-LED3 ☐ HBDA-A ☐ HL-CLEAN ☐ HLP-ST ☐ HL-ADJ	Halogen H7 headlamps LED headlamps LED headlamps with adaptive high beam Automatic main beam deactivation and reactivation High-pressure headlamp cleaner Steel headlamp protectors (steel and plastic for FMX) Manually adjustable headlamp beam
☒ DRL-LED ☐ UDRL ☐ DRIVL2 ☒ UDRIVL ☒ FOGL-WC	Daytime running lamps (LED) Without daytime running lamps Extra main beam Without extra main beam White front fog lamps

Superstructure preparations

☒ 5WM-ISOM ☒ 5WH185 ☒ 5WT-JO10 ☐ 5WT-JO9 ☒ 5WLM-B ☐ 5WLM-L ☐ 5WL-S1 ☐ 5WL-S2 ☐ TCIND	Fifth wheel ISO mounting on medium L-profiles (60 mm above frame) Fifth wheel leg height 185 mm (7.28") Jost JSK 36 fixed fifth wheel, pressed steel Jost JSK 42 fixed fifth wheel, cast iron Basic fifth wheel maintenance level (for locking mechanism and top plate) Low-maintenance fifth wheel (locking mechanism). Plastic slide plates and wear ring Fifth wheel lubrication: locking mechanism and top plate Fifth wheel lubrication: locking mechanism Trailer connection indication with sensors for height, kingpin and coupling lock
☒ RDECK ☐ SRWL-2RA ☐ SRWL-2RW ☐ SRWL-PK ☐ SWL-2RA ☐ SWL-2RW ☐ SWL-PK ☐ WL-TA1A ☐ WL-TA1W ☐ WLC-PKH ☐ WLC-PKL ☐ WLC-PKLH	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box) - 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On) Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On) 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side) Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off) Amber LED work lamp on trailer arch White LED work lamp on trailer arch Preparation kit (cables and switch) for high-mounted work lamps on back of cab Preparation kit (cables and switch) for low-mounted work lamps on back of cab Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
☒ ECBB-BAS ☐ ECBB-HIG ☐ ECBB-MED ☐ BBCHAS1	Body builder electrical centre, prepared for body builder module Body builder electrical centre, body builder module with 14 high and 4 low digital outlets Body builder electrical centre, body builder module with 7 high and 4 low digital outlets One 7-pole bodywork connector on chassis

☒ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Leaf FM 42T 3L

- **BBCHAS3** Three 7-pole bodywork connectors on chassis
- **BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- **TD-LED** TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit".
- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **AESW2** 2 bistable bodywork switches (marked AUX1/AUX2)
- **AESW2PK** 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
- **AUXSW-4** Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)